

# Cultural and Individual Determinants of (Changing) Family Values and Intergenerational Solidarity

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# Acknowledgments

The work presented here is part of the international

## “Value of Children and Intergenerational Relations”-Project

Principal Investigators: Prof. Dr. G. Trommsdorff & Prof. Dr. B. Nauck

Funded (mostly) by the Deutsche Forschungsgemeinschaft



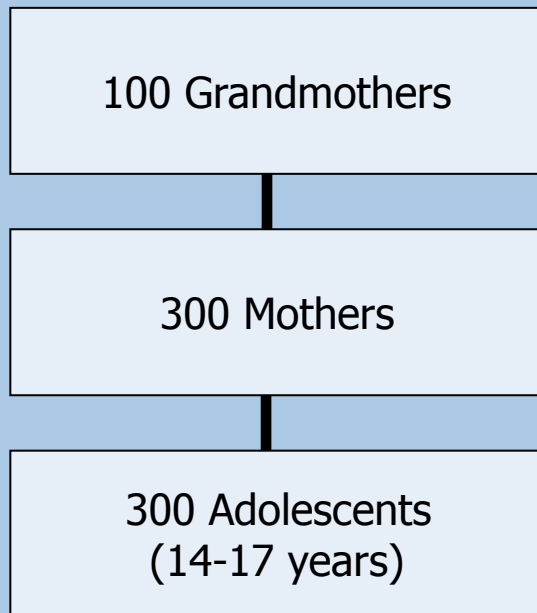
Thank you to the collaborators:

**Gang Zheng** (People's Republic of China), **Ivo Mozny** (Czech Republic), **Kairi Kasearu** (Estonia), **Colette Sabatier** (France), **Gisela Trommsdorff & Bernhard Nauck** (Germany), **Ramesh Mishra** (India - Varanasii), **Arun Tipandjan** (India - Puducherry), **Peter R. Nelwan** (Indonesia), **Asher Ben-Arieh & Muhammad M. Haj-Yahia** (Israel & The Palestinian Authority), **Daniela Barni** (Italy), **Chiaki Yamada** (Japan), **Zara Saralieva** (Russia), **Karl Peltzer** (South Africa), **Karen Fux** (Switzerland), **Katarzyna Lubiewska** (Poland), **Bilge Ataca & Cigdem Kagitcibasi** (Turkey), **Wolfgang & Mihaela Friedlmeier** (USA)

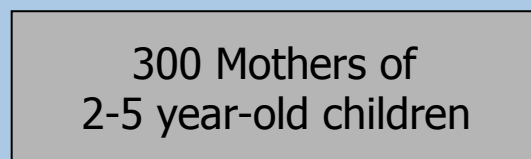
# The Value of Children and Intergenerational Relations Study (VOC-Study)

## Design (per country)

### 3-Generations Study

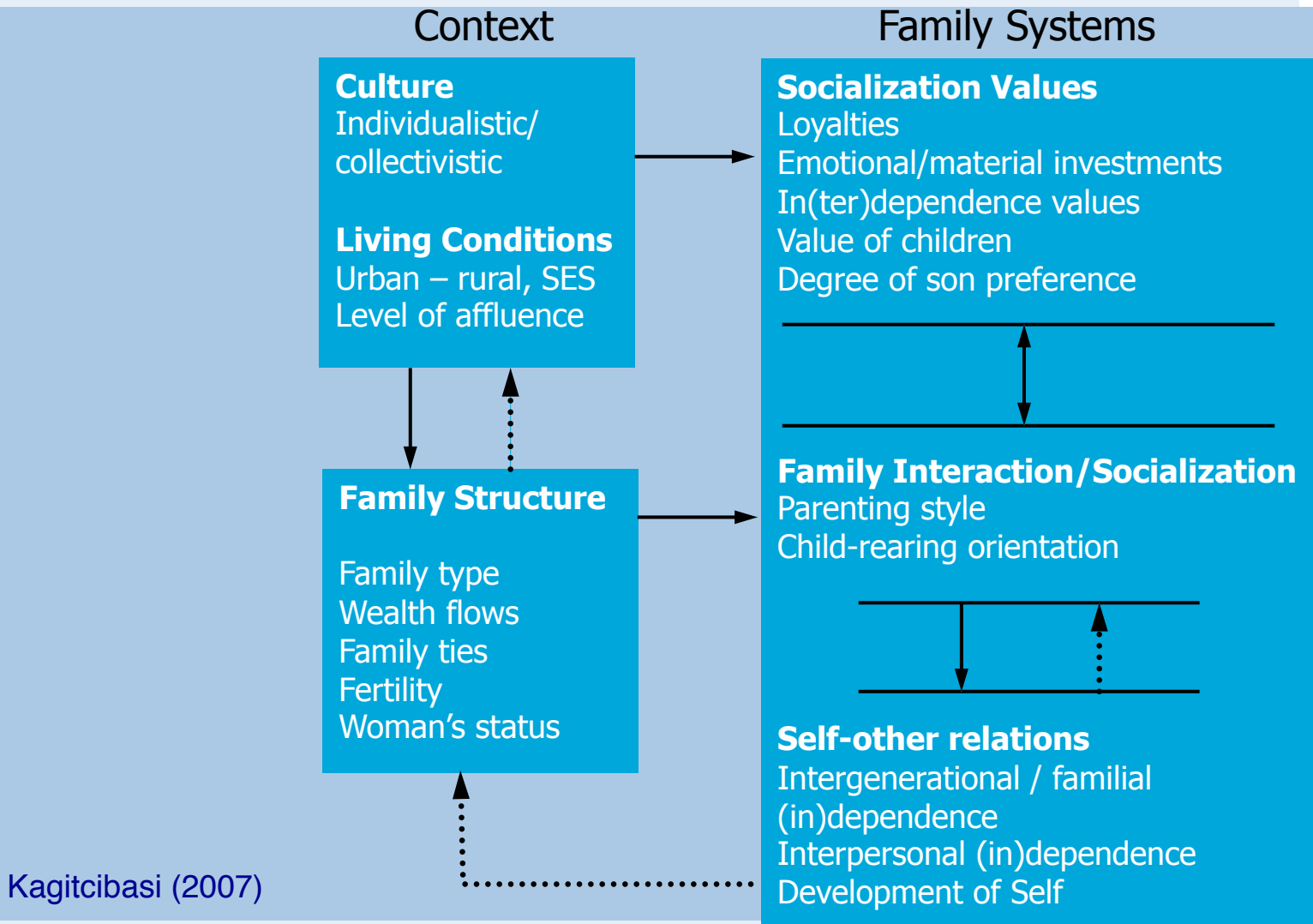


### Replication Study



- Replication and extension of the cross-cultural VOC-studies carried out in the 1970ies (Arnold et al., 1975; Hoffman & Hoffman, 1973)
- Focus of the original study on
  - Relations between VOC (Reasons for having/not having children) and fertility
  - Knowledge and practice of birth control
- Focus of the new study on
  - Interplay of values and parent-child relations across three generations
- About 18 cultural groups have joined

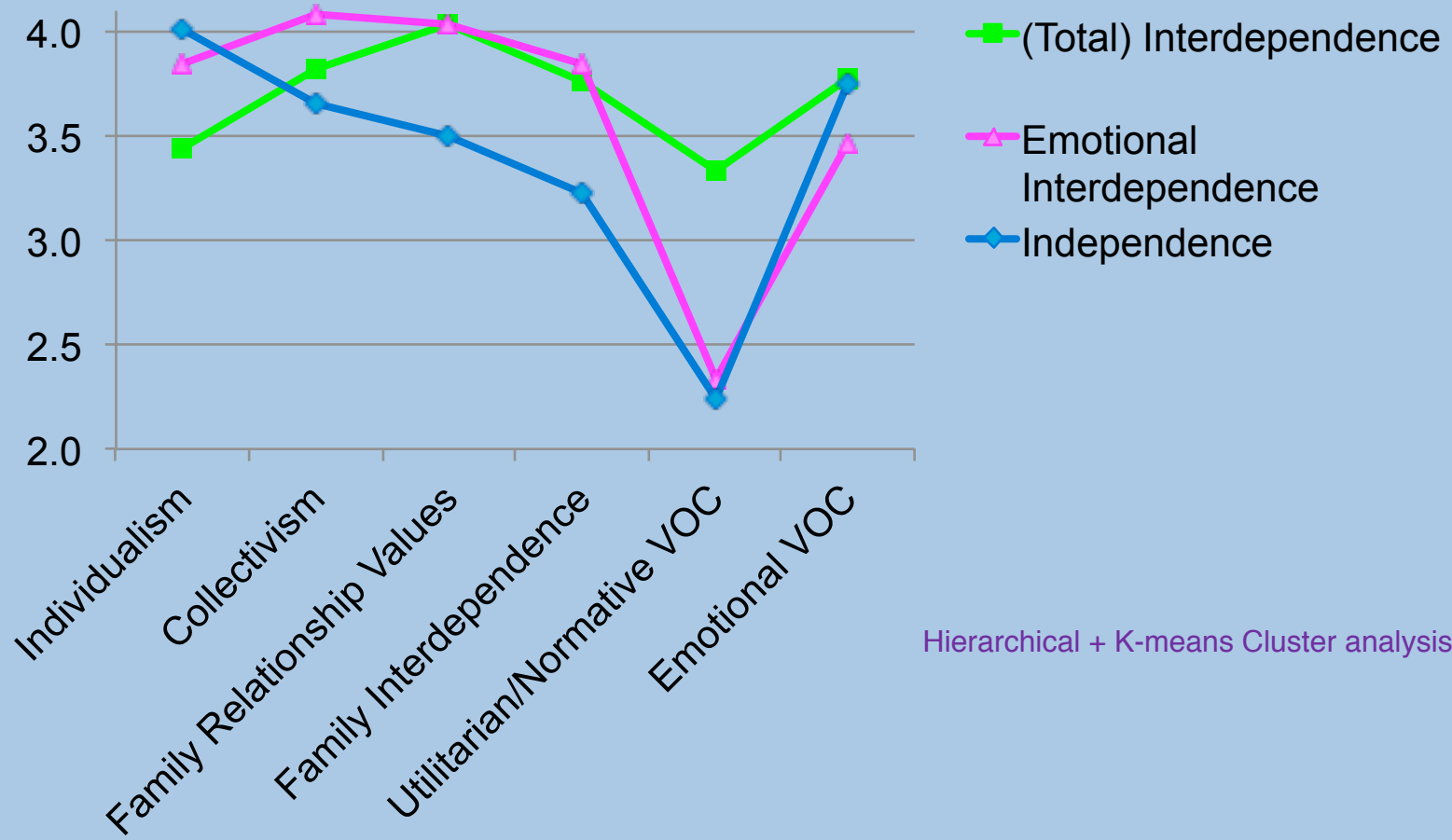
# Generic Model of the Family in Context



# Kagitcibasi's Family Change Theory

- > Focuses on the universality of the basic human needs of autonomy and relatedness
- > Emphasis on family relationships and related values as reflecting a culture's capacity for fulfilling its members' basic needs
- > Postulates a synthesis in family models through cultural change
  - Optimal family model is one of ***emotional interdependence (but material independence)***
  - Family models will (and should) converge to this model through...
    - changes in ***traditional cultures*** from a model of total interdependence to a model with more autonomy, less hierarchy, and more material independence of family members, but with the ***same amount of emotional closeness***
    - changes in ***Western individualistic cultures*** from a model of total independence to a synthetic family model of emotional interdependence (by developing more closeness among family members)

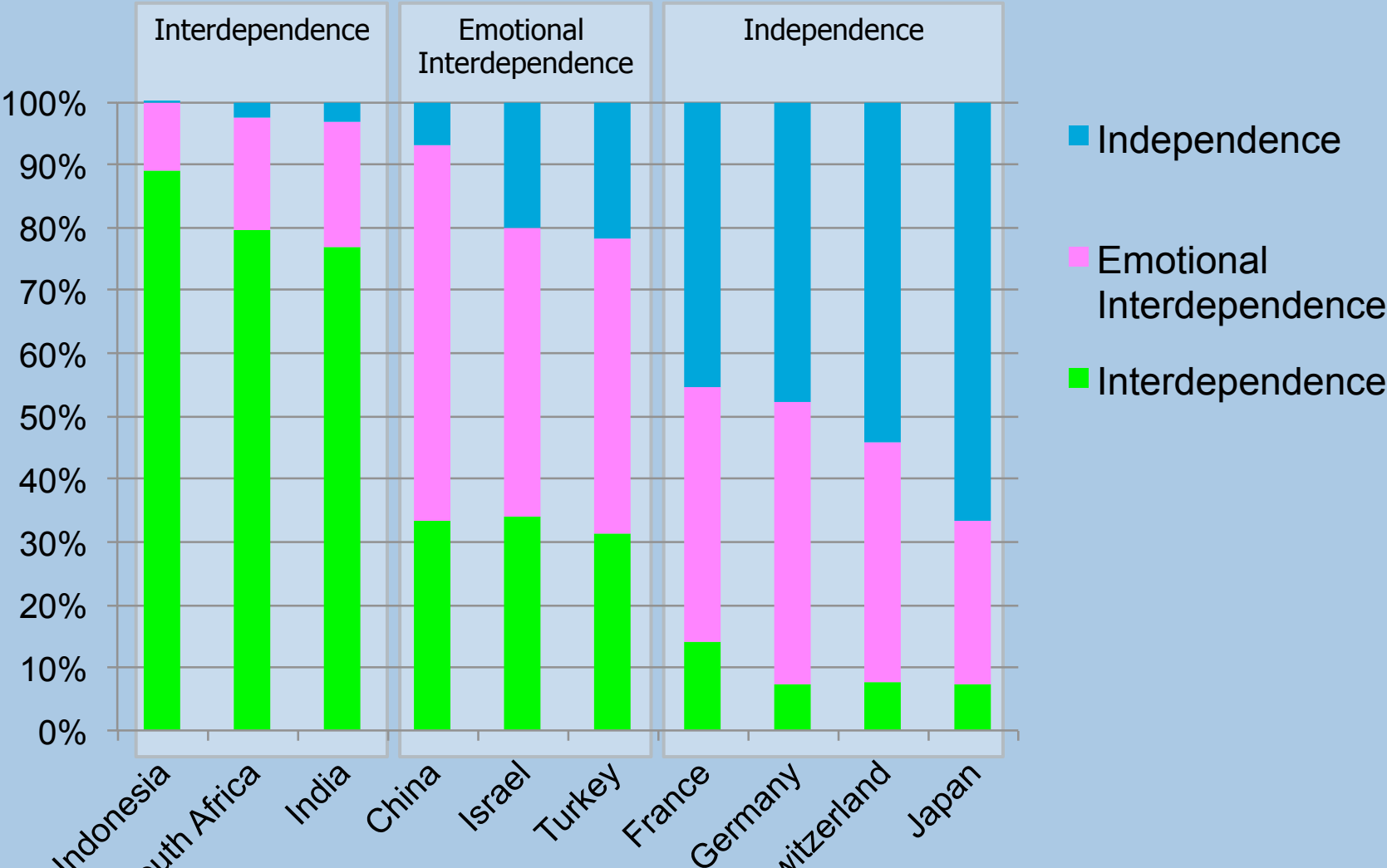
# Adolescents' Family Models Across 10 Cultures: Family Value Profiles



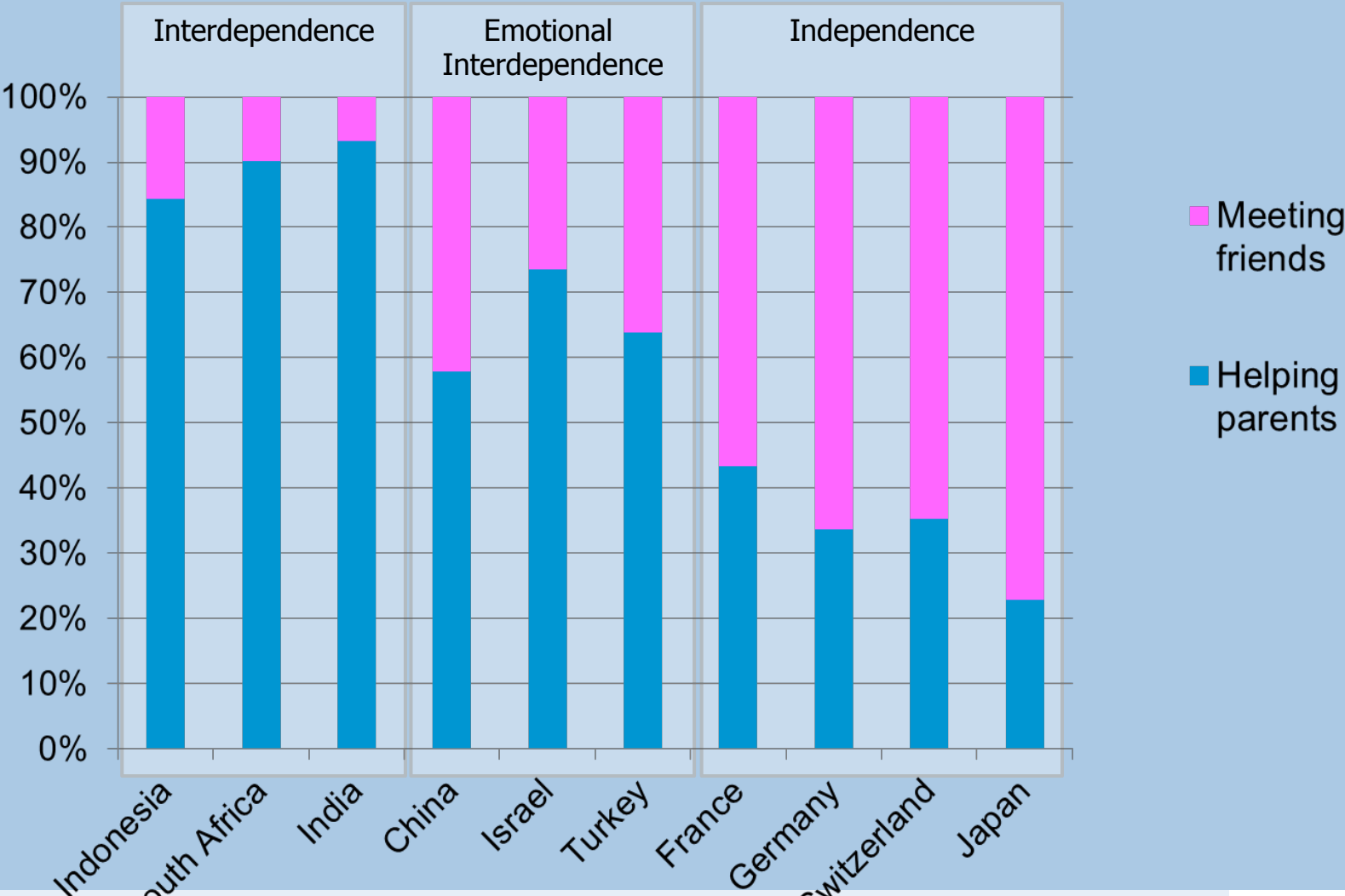
Hierarchical + K-means Cluster analysis, *n* = 2566

Mayer (2009)

# Distribution of Cluster Profiles

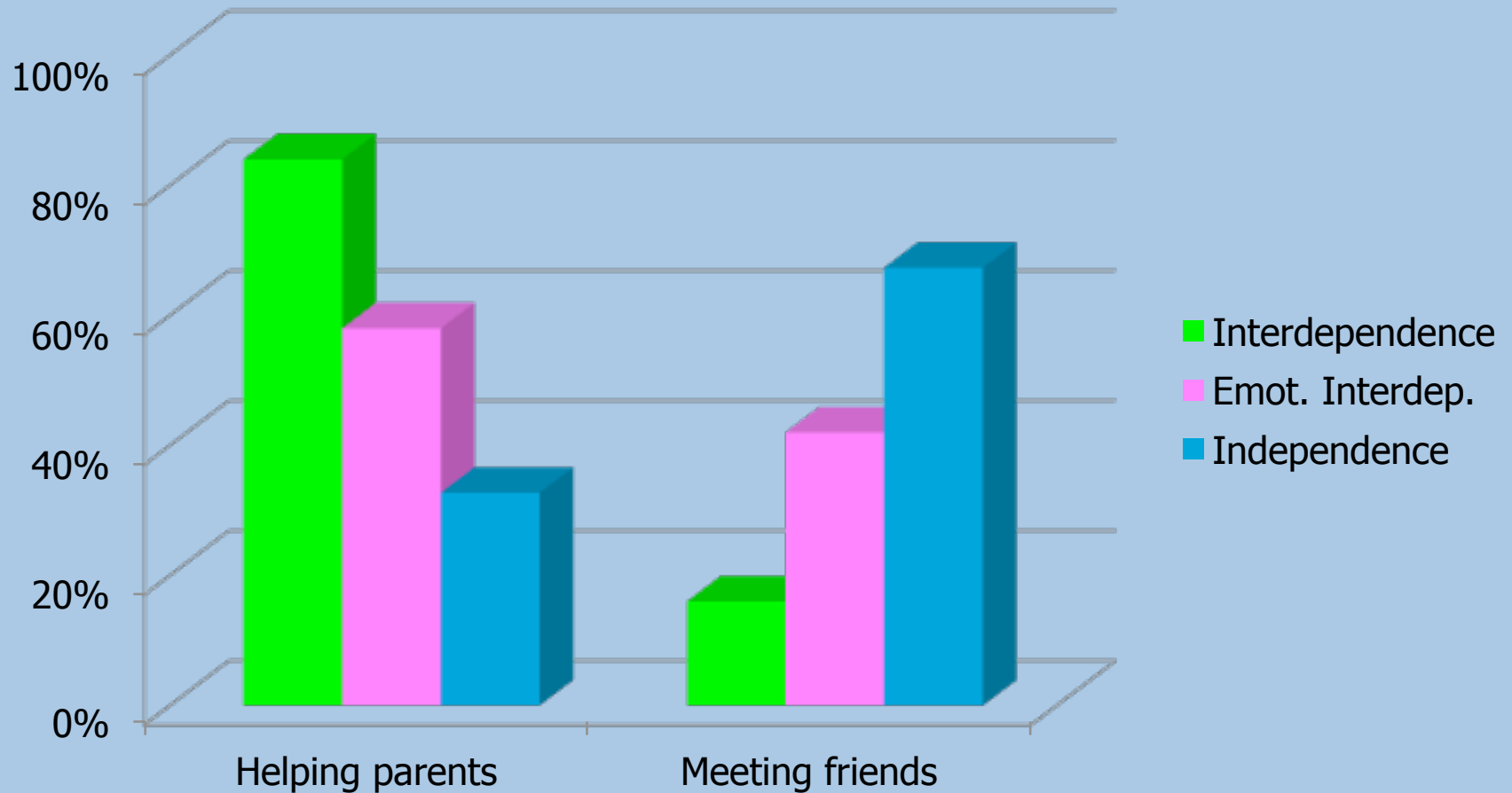


# Readiness to Help Parents

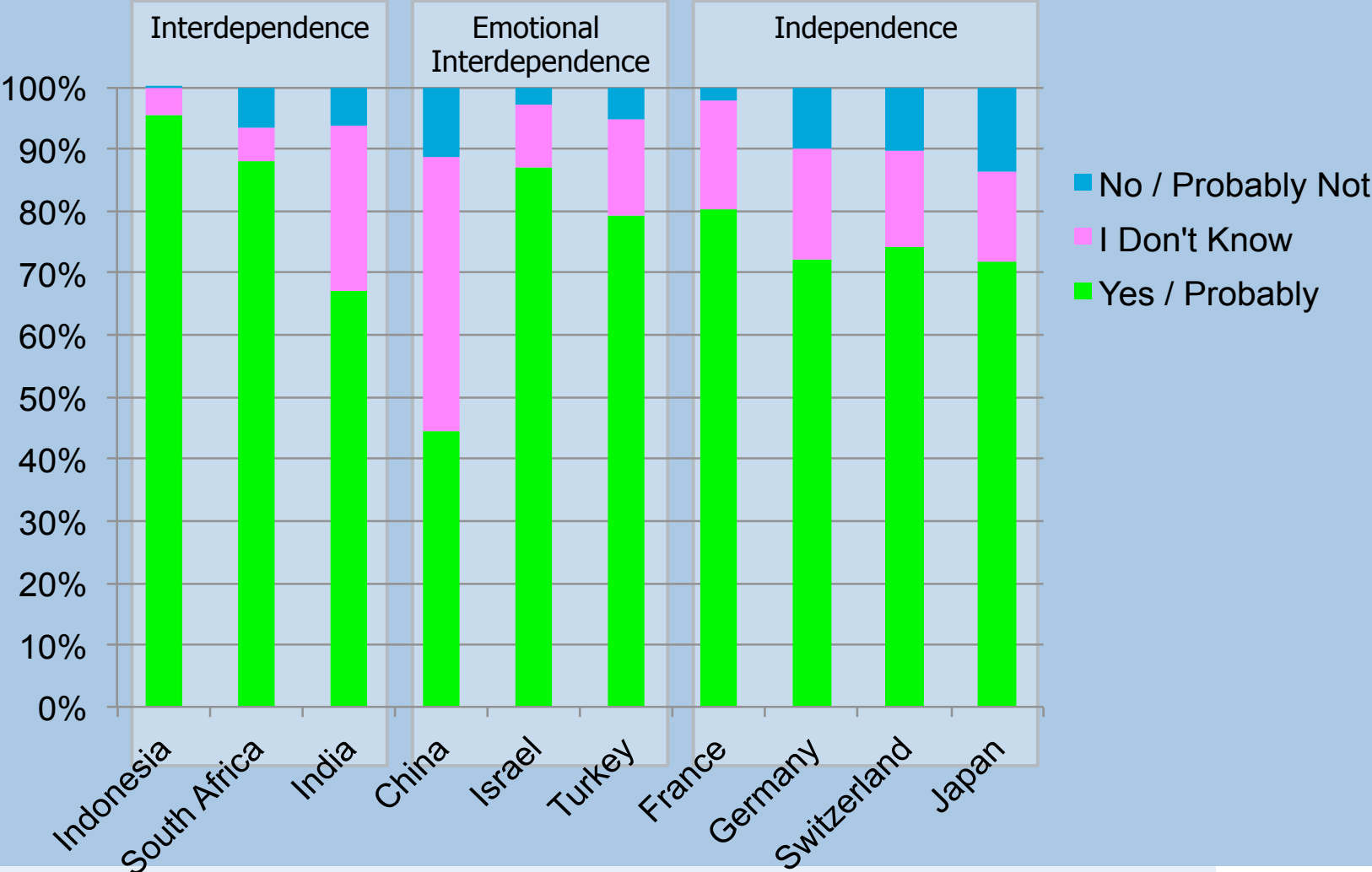




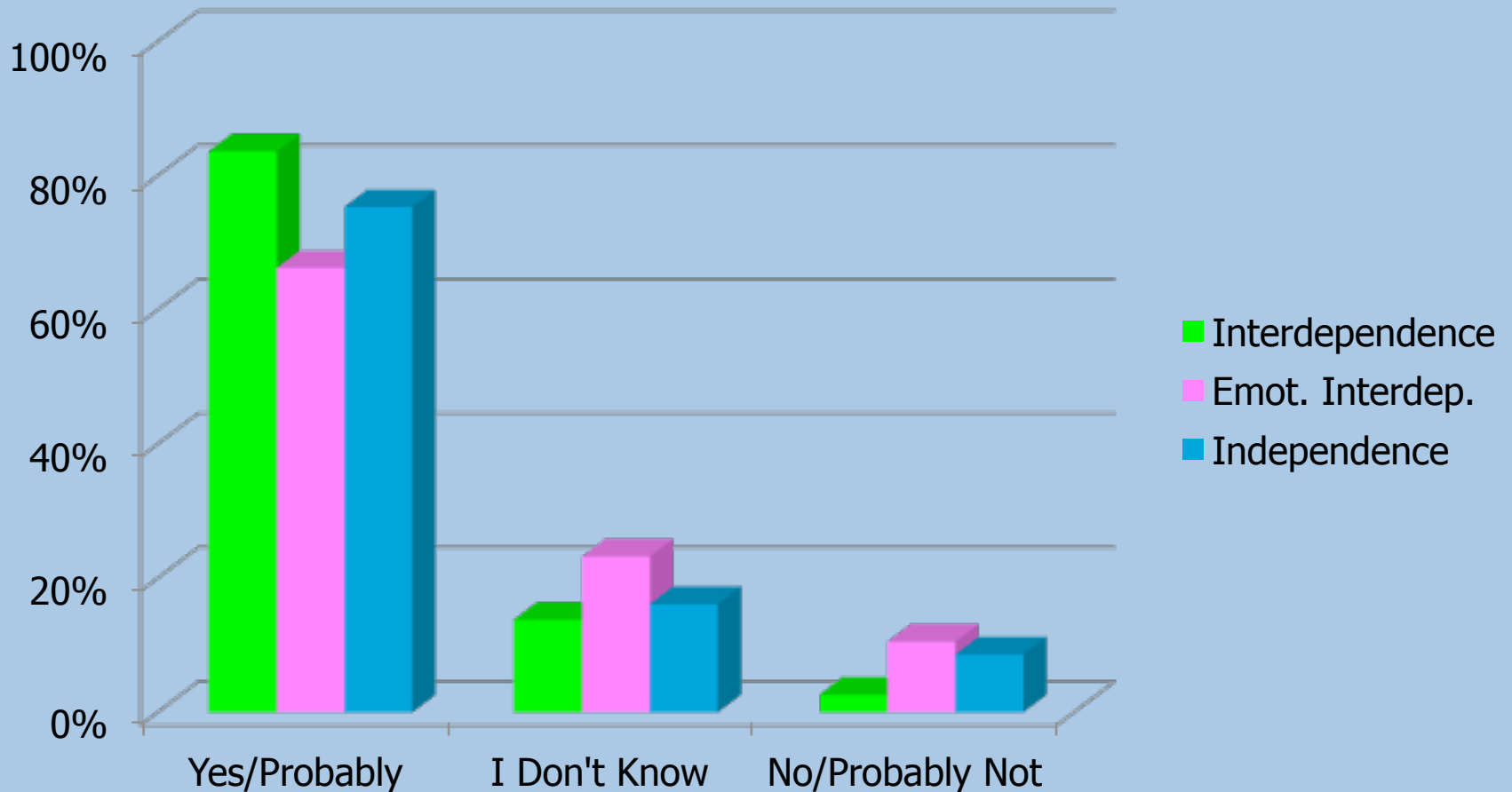
# Help Parents ~ Family Models



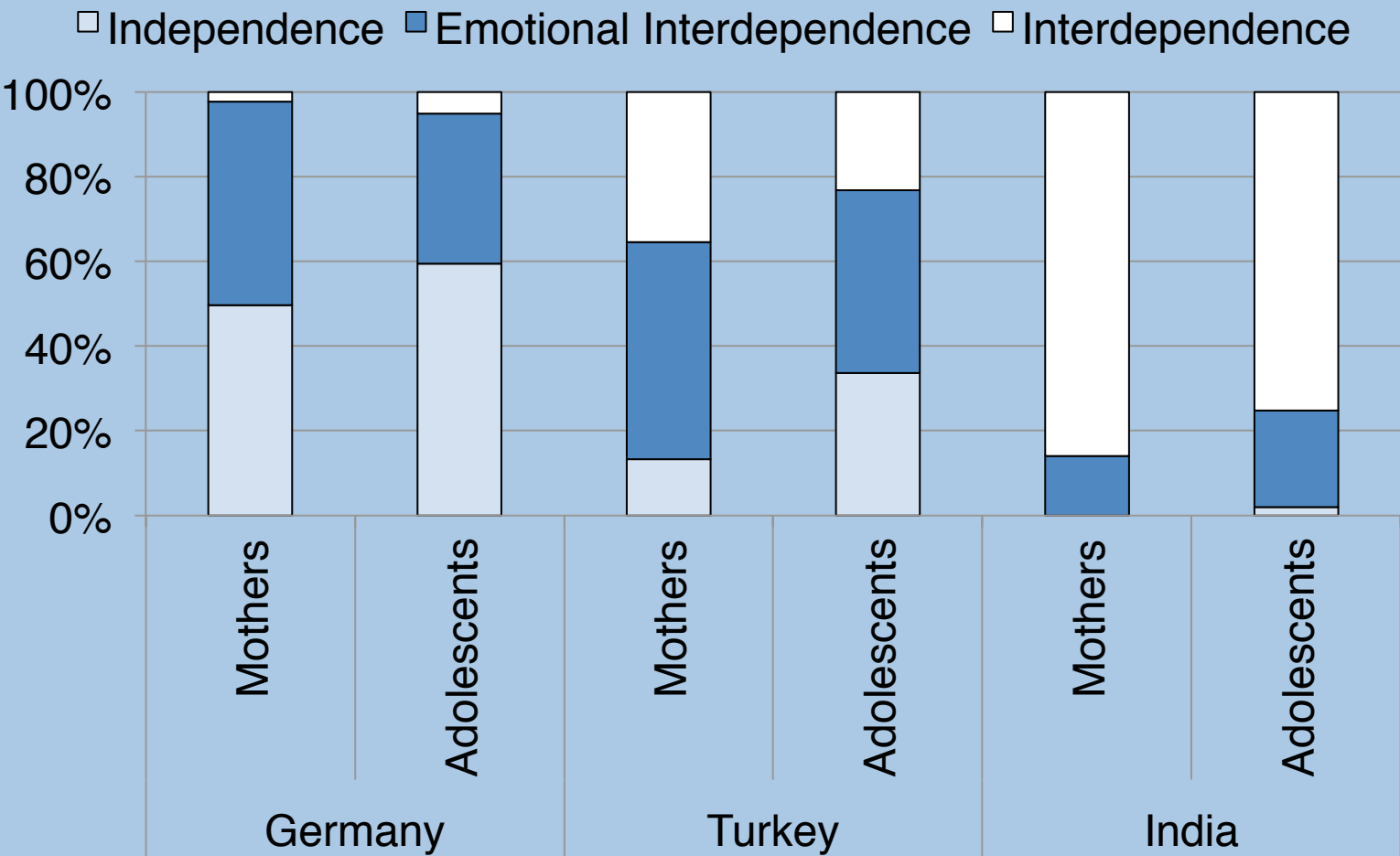
# Intention to Have Children



# Intention Child ~ Family Models



# Family Models across Generations in Germany, Turkey, and India



Mayer et al. (2012)

# Intergenerational Similarity of Family Value Patterns: **Transmission**

## Pan-Cultural Analysis

Mothers						
Adolescents		Indep	Emo Inter	Interdep	Kappa	Weighted Kappa
	Indep	130	141	20	.38***	.49***
	Emo Inter	53	154	101		
	Interdep	8	51	245		

- Overall generational similarity substantial
- Deviations of adolescents’ family models from their mothers’ family models mostly in direction of more **independent** family models
- **But:** mixes culture-level transmission with individual-level transmission!

Mayer et al. (2012)

# Intergenerational Similarity of Family Value Patterns: **Transmission**

Mothers						
Adolescents		Indep	Emo Inter	Interdep	Kappa	Weighted Kappa
	Germany				.13**	.15***
	Indep	101	79	2		
	Emo Inter	45	60	3		
	Interdep	4	9	2		
	Turkey				.19***	.27***
	Indep	29	60	14		
	Emo Inter	8	74	52		
	Interdep	4	23	43		
	India				.24***	.24***
	Indep	0	2	4		
	Emo Inter	0	20	46		
	Interdep	0	19	200		

# Intergenerational Similarity of Family Value Patterns: **Transmission**

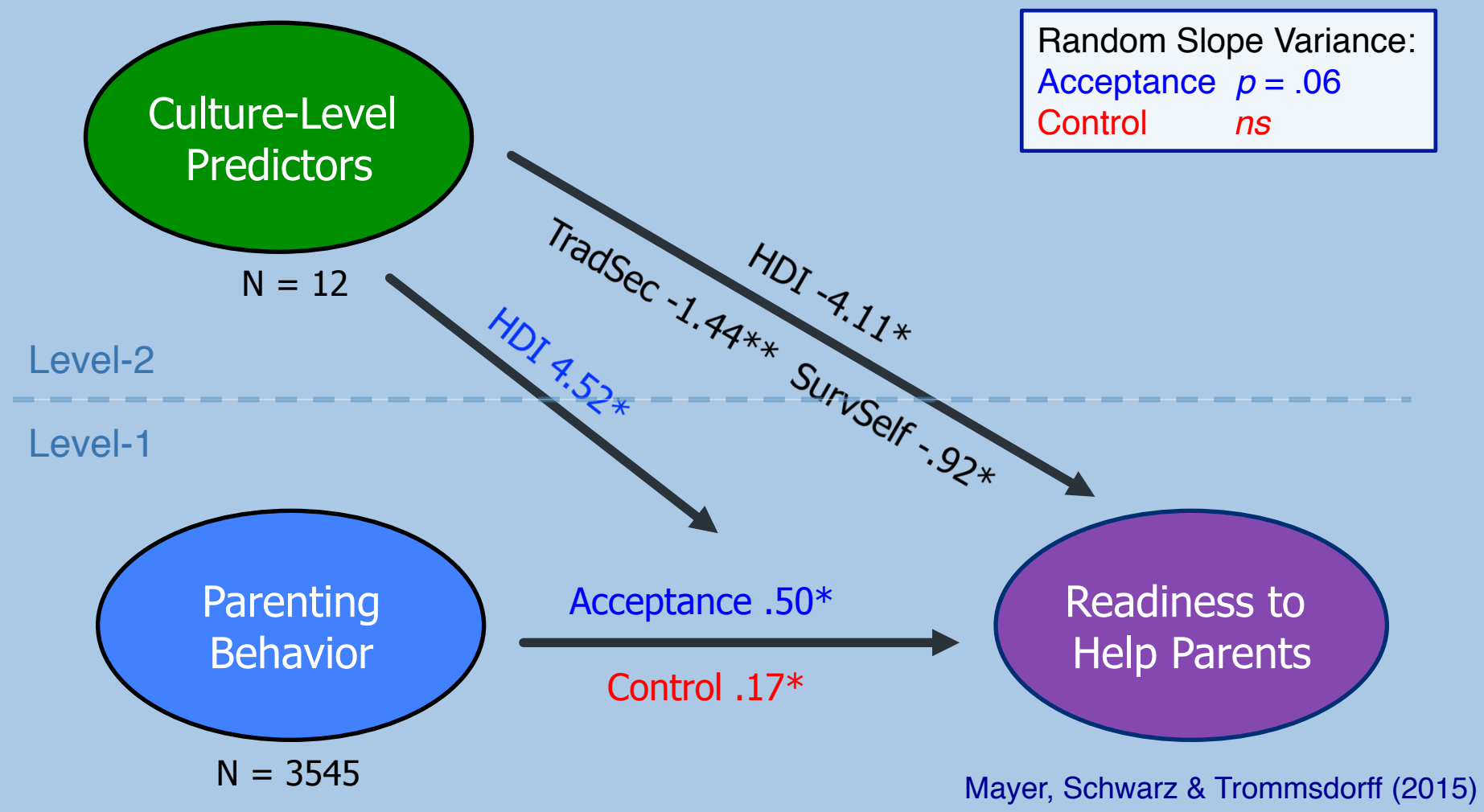
Mothers						
Adolescents		Indep	Emo Inter	Interdep	Kappa	Weighted Kappa
	Germany				.13**	.15***
	Indep	101	79	2		
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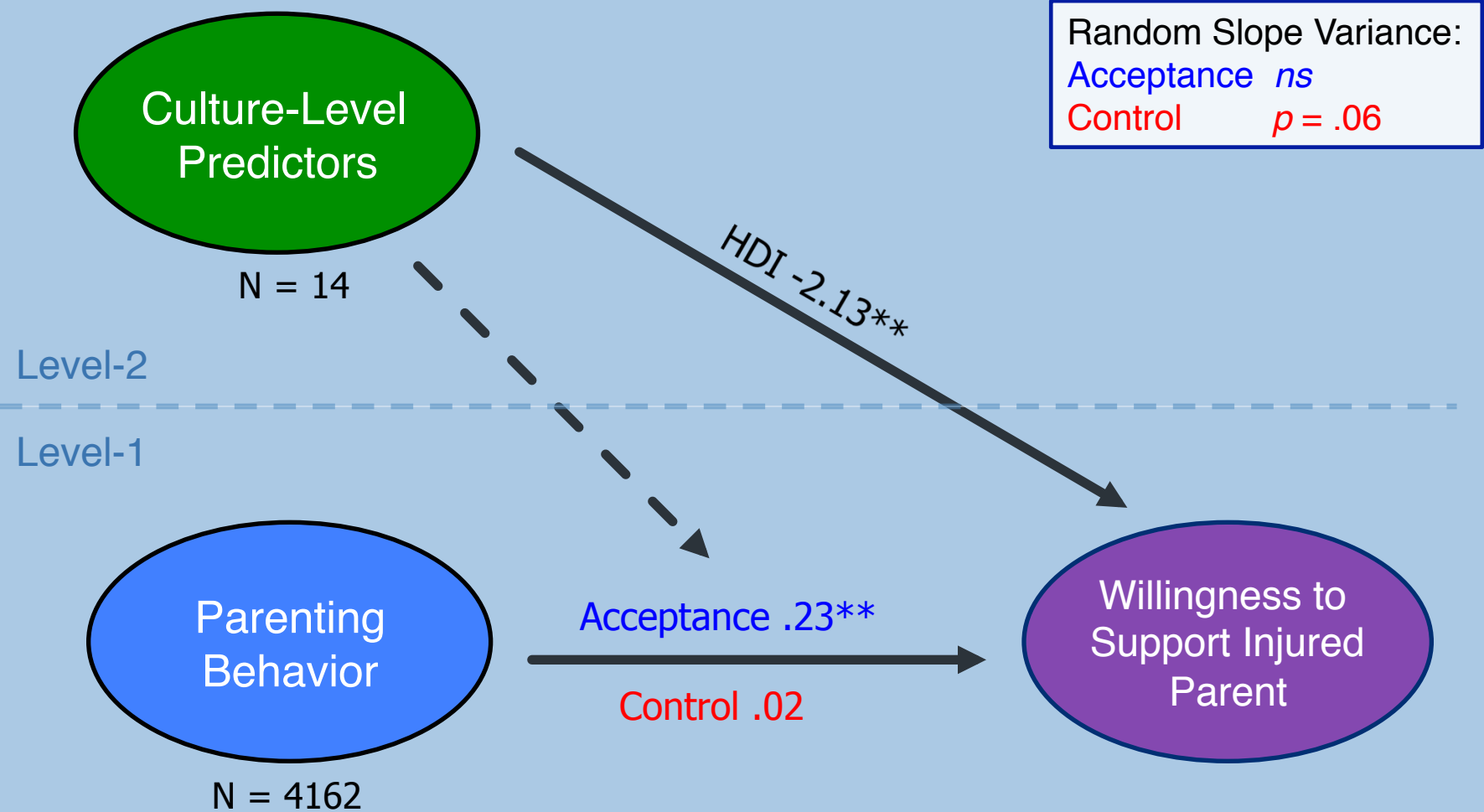
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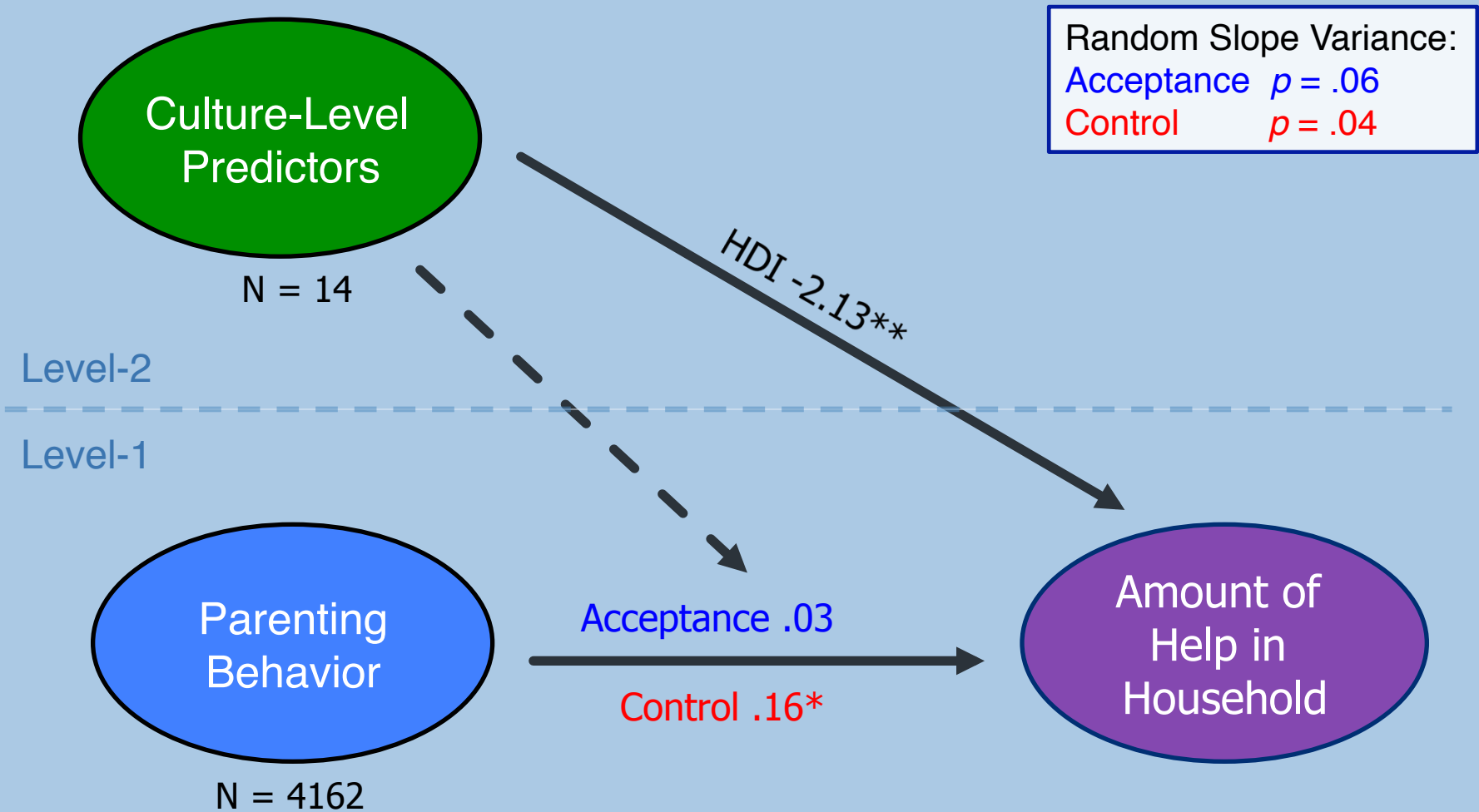
# Mother's Parenting Behavior → Readiness to Help Parents (vs. Meet Friends)



# Mother's Parenting Behavior → Willingness to Support Injured Parent



# Mother's Parenting Behavior → Adolescent's Amount of Help in Household



# Cultural Change and Its Impact on Religion and the Family

- > Secularization thesis: Religion and traditional values decline with economic prosperity (Norris & Inglehart, 2011)
- > Modernization theory: Impact of the rise of individualism/self-expression values on the family? (Georgas, 2006; Inglehart & Oyserman, 2004; Inkeles, 1998; Kagitcibasi, 2007)
- > Both processes fueled by economic development
  - Relation between religion/religiosity and family orientation?
  - Direction of influence? (Eberstadt, 2013)
- > Differential impact of cultural change on different aspects of adolescents' family orientation?
  - Traditional conservative values
  - Psychological VOC and plans for children in the future

Mayer et al. (2015)

# Multilevel-Effects on Traditional Family Aspects

<b>DV: Traditional Family Values</b>		<b>Model 1</b>		<b>Model 2</b>		<b>Model 3</b>	
Fixed Effects		<i>Coef.</i>	<i>T</i>	<i>Coef.</i>	<i>T</i>	<i>Coef.</i>	<i>T</i>
Level 1							
Intercept ( $\gamma_{00}$ )		4.24	56.29***	4.24	51.94***	5.34	13.01***
Religiosity ( $\gamma_{10}$ )				0.10	14.19***	0.10	14.20***
SES ( $\gamma_{20}$ )				0.00	0.15	0.00	0.17
Level 2							
Human Development Index ( $\gamma_{01}$ )						-1.26	-2.58*
Traditional/Secular-Rational ( $\gamma_{02}$ )						-0.18	-3.33**
Survival/Self-Expression ( $\gamma_{03}$ )						-0.02	-0.33
Variance Components							
Random Intercept ( $\sigma^2_{v0}$ )		.101		.102		.026	
Level-1 Residual ( $\sigma^2_{\epsilon}$ )		.281		.269		.264	
<b>DV: Utilitarian-Normative VOC</b>		<b>Model 1</b>		<b>Model 2</b>		<b>Model 3</b>	
Fixed Effects		<i>Coef.</i>	<i>T</i>	<i>Coef.</i>	<i>T</i>	<i>Coef.</i>	<i>T</i>
Level 1							
Intercept ( $\gamma_{00}$ )		2.56	17.81***	2.67	17.91***	6.06	10.77***
Religiosity ( $\gamma_{10}$ )				0.06	6.43***	0.06	6.43***
SES ( $\gamma_{20}$ )				-0.04	-2.57*	-0.04	-2.63**
Level 2							
Human Development Index ( $\gamma_{01}$ )						-3.97	-5.91***
Traditional/Secular-Rational ( $\gamma_{02}$ )						-0.15	-2.01+
Survival/Self-Expression ( $\gamma_{03}$ )						-0.04	-0.52
Variance Components							
Random Intercept ( $\sigma^2_{v0}$ )		.369		.363		.048	
Residual ( $\sigma^2_{\epsilon}$ )		.567		.561		.561	

# Multilevel-Effects on Psychological and Future-Oriented Family Aspects

<b>DV: Psychological VOC</b>	<b>Model 1</b>		<b>Model 2</b>		<b>Model 3</b>	
Fixed Effects	<i>Coef.</i>	<i>T</i>	<i>Coef.</i>	<i>T</i>	<i>Coef.</i>	<i>T</i>
Level 1						
Intercept ( $\gamma_{00}$ )	3.97	75.94***	3.91	58.51***	4.16	10.54***
Religiosity ( $\gamma_{10}$ )			0.07	7.57***	0.07	7.57***
SES ( $\gamma_{20}$ )			0.02	1.48	0.02	1.57
Level 2						
Human Development Index ( $\gamma_{01}$ )					-0.26	-0.56
Traditional/Secular-Rational ( $\gamma_{02}$ )					-0.15	-2.88*
Survival/Self-Expression ( $\gamma_{03}$ )					-0.01	-0.27
Variance Components						
Random Intercept ( $\sigma^2_{v0}$ )	.047		.047		.023	
Residual ( $\sigma^2_{\varepsilon}$ )	.498		.492		.492	

<b>DV: Intended Number of Children</b>	<b>Model 1</b>		<b>Model 2</b>		<b>Model 3</b>	
Fixed Effects	<i>Coef.</i>	<i>T</i>	<i>Coef.</i>	<i>T</i>	<i>Coef.</i>	<i>T</i>
Level 1						
Intercept ( $\gamma_{00}$ )	2.12	17.32***	1.99	14.39***	0.09	0.08
Religiosity ( $\gamma_{10}$ )			0.15	9.86***	0.15	9.86***
SES ( $\gamma_{20}$ )			0.04	2.01*	0.04	1.94+
Level 2						
Human Development Index ( $\gamma_{01}$ )					2.34	1.87+
Traditional/Secular-Rational ( $\gamma_{02}$ )					-0.29	-2.12*
Survival/Self-Expression ( $\gamma_{03}$ )					0.07	0.56
Variance Components						
Random Intercept ( $\sigma^2_{v0}$ )	.265		.259		.170	
Residual ( $\sigma^2_{\varepsilon}$ )	1.102		.991		.991	

Grazie!

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